Sollow-up

## U.S. DEPARTMENT OF LABOR Occupational Safety and Health Administration

Form Approved OMB No. 44-R1382

## MATERIAL SAFETY DATA SHEET

	SE	CTION I	·	
MANUFACTURER'S NAME ENTHONE, INC.			EMERGENCY TELEPHONE NO. 203 - 934-8611	
ADDRESS (Number, Street, City, State, and Box 1900, New Have	ZIP Code) en, Ct. 06508	3		
CHEMICAL NAME AND SYNONYMS	N/A		TRADE NAME AND SYNONYMS Enthox AL 990	
CHEMICAL FAMILY	N/A	FORMUL	N/A	

SECTION	VIII	HAZAF	RDOUS INGREDIENTS		
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST		·	ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					•
HAZARDOUS MIXTURE	SOF	OTHER LI	OUIDS, SOLIDS, OR GASES	%	TLV (Units)
			Chromic Acid	10	0.1 mg/M
			Nitric Acid <	5	5.0 mg/M
		• .	Fluoride (as F <sup>-</sup> )	5	
			Molybd enum (as Mo)	5	1 1.

	SECTION III - P	HYSICAL DATA		
BOILING POINT (°F.)	216°F.	SPECIFIC GRAVITY (H2O=1)		1.11
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)		
VAPOR DENSITY (AIR=1)	-	EVAPORATION RATE	•	
SOLUBILITY IN WATER	very soluble			
APPEARANCE AND ODOR			•	

SECTION IV - FIRE AND E	XPLOSION HAZARD DATA	1
FLASH POINT (Method used) None	FLAMMABLE LIMITS	Lel Uel
extinguishing MEDIA in a fire - Water, CO2	Foam	
SPECIAL FIRE FIGHTING PROCEDURES		
UNUSUAL FIRE AND EXPLOSION HAZARDS Violent re	action with strong redu	icers

	SECTION V - HEA	LTH HAZARD DATA	4	
THRESHOLD LIMIT VALUE	N/A			
EFFECTS OF OVEREXPOSURE	Irritation of skin,	, mucous membra	anes, eyes, nose	,
throat. Irritati	on may be severe.		•	
External - Was	oceoures h with much water;	report to doctor.		
Internal - Induc	e vomiting, drink r	nuch water; repo	rt to doctor.	·
			•	

		SECTIO	N VI - RI	EACTIVITY DATA			
STABILITY	UNSTABLE	TABLE CONDITIONS TO AVOID		S TO AVOID			
	STABLE Shelf	l yr.	1 yr.				
INCOMPATABILITY	(Materials to avoid)	Reduc	ers, alka	alis, organic matter, cyanide.			
HAZARDOUS DECO	MPOSITION PRODU chromiun	cts in	a fire - ' ounds.	Toxic nitrogen, sulfur and trivalent			
HAZARDOUS MAY OCCUR		-		CONDITIONS TO AVOID			
POLYMERIZATION WILL NOT OCCUR X							

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	•
Flush away with water.	
WASTE DISPOSAL METHOD Reduction of hexavalent chromium, then precipitation of	
Cr <sup>+3</sup> , fluoride, molybdenum	

	SECTION VIII - SPECIAL F	PROTECTION IN	FORMATION
RESPIRATORY PI	ROTECTION (Specify type) Type for	acid mist	
VENTILATION	LOCAL EXHAUST Yes		SPECIAL
	MECHANICAL (General)	<del></del>	OTHER
PROTECTIVE GLO	Yes, rubber	EYE PROTECTION	Yes, face shield
OTHER PROTECT	ive equipment apron, boo	ts	

.*	SECTION IX - SPE	CIAL PRECAUTIONS
PRECAUTIONS TO BE TA	KEN IN HANDLING AND STORING	Store indoor at min. of 30°F. Keep
	from freezing.	
OTHER PRECAUTIONS	Exothermic reaction	with alkalis, reducers, organic
	compounds. Violent	reaction with strong reducers.